

Converting Colors

YUV(145.2910, -5.0735,
-52.8752)

Have a look what the booklet for
YUV(145.2910, -5.0735, -52.8752)
contains.

YUV(145.2910, -5.0735, -52.8752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.2910, -5.0735,
-52.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	55B287
RGB	85, 178, 135
RGB Percent	33%, 70%, 53%
CMY	0.6667, 0.3020, 0.4706
CMYK	0.52, 0.00, 0.24, 0.30
HSL	152°, 38%, 52%
HSV	152°, 52%, 70%
XYZ	24.0399, 35.5214, 28.5109
YIQ	145.2910, -41.6250, -33.0890

Conversions

Conversions Part 2

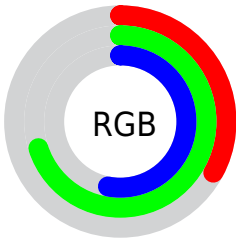
Format	Color
RYB	85, 145, 178
Decimal	5616263
CIELab	66.15, -37.90, 13.69
CIElCh	66, 40.298, 160.140
Yxy	35.5214, 0.2730, 0.4033
Android (android.graphics.Color)	4283806343 (0xFF55B287)
YUV	145.2910, -5.0735, -52.8752
Hunter-Lab	59.5998, -32.3008, 13.3571

Details

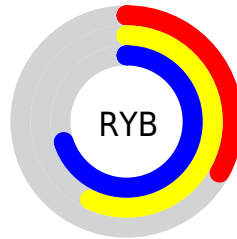
The YUV color **145.2910, -5.0735, -52.8752** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **117.7090, 5.0735, 52.8752**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9490, -6.3839, -52.5753**, and **89.6430, -2.2890, -59.3229** is the 20% darker color. If you saturate the color by 10%, you get **138.9970, -5.9145, -63.1414**, and if you desaturate by 10%, it is **151.5850, -4.2324, -42.6090**.

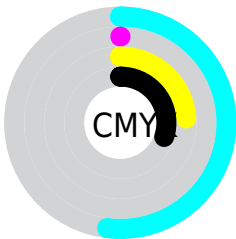
Distribution



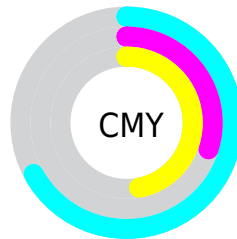
- Red (33%)
- Green (70%)
- Blue (53%)



- Red (33%)
- Yellow (57%)
- Blue (70%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)





- Cyan (67%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.2910, -5.0735, -52.8752 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 145.2910, -5.0735, -52.8752 by changing the saturation by 10% instead.


 145.2910, -5.0735,
-52.8752

 145.2910, -5.0735,
-52.8752


255.0000, 0.0000,
0.0000

 117.9210, -3.9051,
-54.3047


 200.9490, -6.3839,
-52.5753

 89.6430, -2.2890,
-59.3229


 224.8400, -4.3581,
-48.9717


 65.1810, -1.5682,
-57.1637

 236.5180, 4.1816,
-34.6573

 47.9980, -3.9430,
-42.0942

 246.6280, 4.1274,
-17.2138

 32.1030, -6.4598,
-28.1543

 17.6100, -8.6817,
-15.4440

 0.0000, 0.0000,

0.0000

■ 145.2910, -5.0735,
-52.8752

■ 145.2910, -5.0735,
-52.8752

■ 138.9970, -5.9145,
-63.1414

■ 151.5850, -4.2324,
-42.6090

■ 132.7030, -6.7556,
-73.4075

■ 157.8790, -3.3913,
-32.3429

■ 126.5940, -8.1808,
-82.9589

■ 163.9880, -1.9661,
-22.7915

■ 120.3000, -9.0219,
-93.2251

■ 170.2820, -1.1250,
-12.5253

■ 115.4300, -9.5790,
-101.2321

■ 176.5760, -0.2840,
-2.2592

■ 182.8700, 0.5571,
8.0070

■ 189.2780, 1.8349,
18.1732

■ 195.2730, 2.8234,
27.8246

■ 201.5670, 3.6645,
38.0907

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152.2880, -23.8060, -17.7926



145.2910, -5.0735, -52.8752



125.2680, 23.0389, -109.8600

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



145.2910, -5.0735, -52.8752



158.3410, 36.3139, -27.4861



161.5050, -22.4340, 55.6851

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



145.2910, -5.0735, -52.8752



117.7090, 5.0735, 52.8752

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



163.3540, -6.5835, 58.4485



145.2910, -5.0735, -52.8752



164.7330, 25.2746, 13.3892

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



145.2910, -5.0735, -52.8752



141.6180, 42.5863, -79.4720



165.0330, 10.3367, 44.6981



159.6480, -32.8575, 38.8967

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145.2910, -5.0735, -52.8752



127.4170, 33.8114, -111.7447



165.0330, 10.3367, 44.6981



162.0800, -17.7874, 58.6888

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



145.2910, -5.0735, -52.8752



218.9990, -1.9715, -21.0471



152.4480, -33.2519, -21.4409



109.2820, -1.1250, -12.5253



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



145.2910, -5.0735, -52.8752



180.5940, -8.1808, -82.9589



148.4320, 14.5770, -55.6299



85.8530, -0.4205, -5.1331



99.1590, -8.4594, -86.9624



16.8580, -1.4090, -14.7845

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



117.7090, 5.0735, 52.8752



137.2920, 7.7440, 83.0589



114.5680, -14.5770, 55.6299



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 145.2910, -5.0735, -52.8752 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 145.2910, -5.0735, -52.8752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

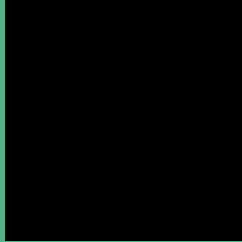
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.2910, -5.0735, -52.8752 Background



This preview shows how black text looks on a background with the YUV color 145.2910, -5.0735, -52.8752.



This preview shows how white text looks on a background with the YUV color 145.2910, -5.0735, -52.8752.

-52.8752.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

145.2910, -5.0735, -52.8752

Protanopia

158.5270, -16.0358, 10.0618

Deuteranopia

160.7760, -10.2426, 18.6134



Tritanopia

151.0680, 16.7285, -45.6636

Trichromacy



Original Color

145.2910, -5.0735, -52.8752

Protanomaly

153.7090, -12.1815, -12.8998

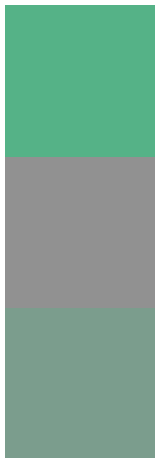
Deuteranomaly

155.3660, -8.5614, -7.3370

Tritanomaly

149.2820, 8.7350, -48.4823

Monochromacy



Original Color

145.2910, -5.0735, -52.8752

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0100, -1.9769, -19.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2910, -5.0735, -52.8752 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(85, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(85, 178, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(85, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 178, 135) }
```

Border

The CSS property to change the border of an element to YUV 145.2910, -5.0735, -52.8752 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 178, 135) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(85, 178, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(85, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(85, 178,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 145.2910, -5.0735, -52.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 178, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(85, 178,  
135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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